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On page 16, on line 23, after "ATTGCTCTTCCCATCTCTAT" insert
-- (SEQ ID NO:17) --.

On page 16, on line 24, after "TTCAAGGCCCATACCTAAGT" insert
-- (SEQ ID NO:18) --.

IN THE CLAIMS

Please amend claims 2-6, 9, and 13-16, as follows:

In claim 2, in line 2, delete "SEQ ID NO: 1" and substitute --
SEQ ID NO: 2 -- therefor.

In claim 3, in lines 2-3, delete "SEQ ID NO: 2" and
substitute -- SEQ ID NO: 4 -- therefor.

In claim 4, in lines 2-3, delete "SEQ ID NO: 3" and substitute
-- SEQ ID NO: 6 -- therefor.

In claim 5, in line 2, delete "SEQ ID NO: 4" and substitute --
SEQ ID NO: 8 -- therefor.

In claim 6, in line 2, delete "SEQ ID NO: 5" and substitute --
SEQ ID NO: 10 -- therefor.

AA' Claim 9. (Amended) Hybrid cationic channel according to claim
8, characterized in that said first protein is a protein the amino
acid sequence of which is represented in the annexed list of
sequences under number [SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ
ID NO:4 or SEQ ID NO: 5,] SEQ ID NO:2, SEQ ID NO:4, SEQ ID NO:6,
SEQ ID NO:8 or SEQ ID NO: 10, and the second protein is a protein

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AA'
correl.

the amino acid sequence of which is represented in the annexed list of sequences under number [SEQ ID NO: 3 or SEQ ID NO: 6] SEQ ID NO: 6 or SEQ ID NO: 12.

In claim 13, in line 3, delete "SEQ ID NO: 2" and substitute -- SEQ ID NO: 3 -- therefor.

In claim 14, in line 3, delete "SEQ ID NO: 3" and substitute -- SEQ ID NO: 5 -- therefor.

In claim 15, in line 3, delete "SEQ ID NO: 4" and substitute -- SEQ ID NO: 7 -- therefor.

In claim 16, in line 3, delete "SEQ ID NO: 5" and substitute -- SEQ ID NO: 9 -- therefor.

REMARKS

This paper is submitted in response to a Notice to File Missing Parts of Application which requires submission of a Sequence Listing pursuant to 37 C.F.R. §§ 1.821-1.825. A copy of the notice accompanies this submission.

A computer readable form (CRF) copy and a replacement paper copy of the "Sequence Listing" are submitted herewith. A Statement To Support Filing and Submission In Accordance With 37 C.F.R. §§ 1.821-1.825 which verifies that the CRF copy and the paper copy are the same is also submitted herewith.

The Sequence Listing of the replacement copies differ from the Sequence Listing in the application as originally filed on August 5, 1998, only in that the replacement copies have been made to comply as to form under the rules of U.S. practice of